

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H110989

Mode: Highway

Status: Submitted

US-17 BUS

From/Cross Street: US 17 (South 17th Street)

Specific Improvement Type: 16 - Modernize Roadway

To: Covil Avenue

Project Category: Regional Impact

Length: 1.33

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$6,840,000

Description:

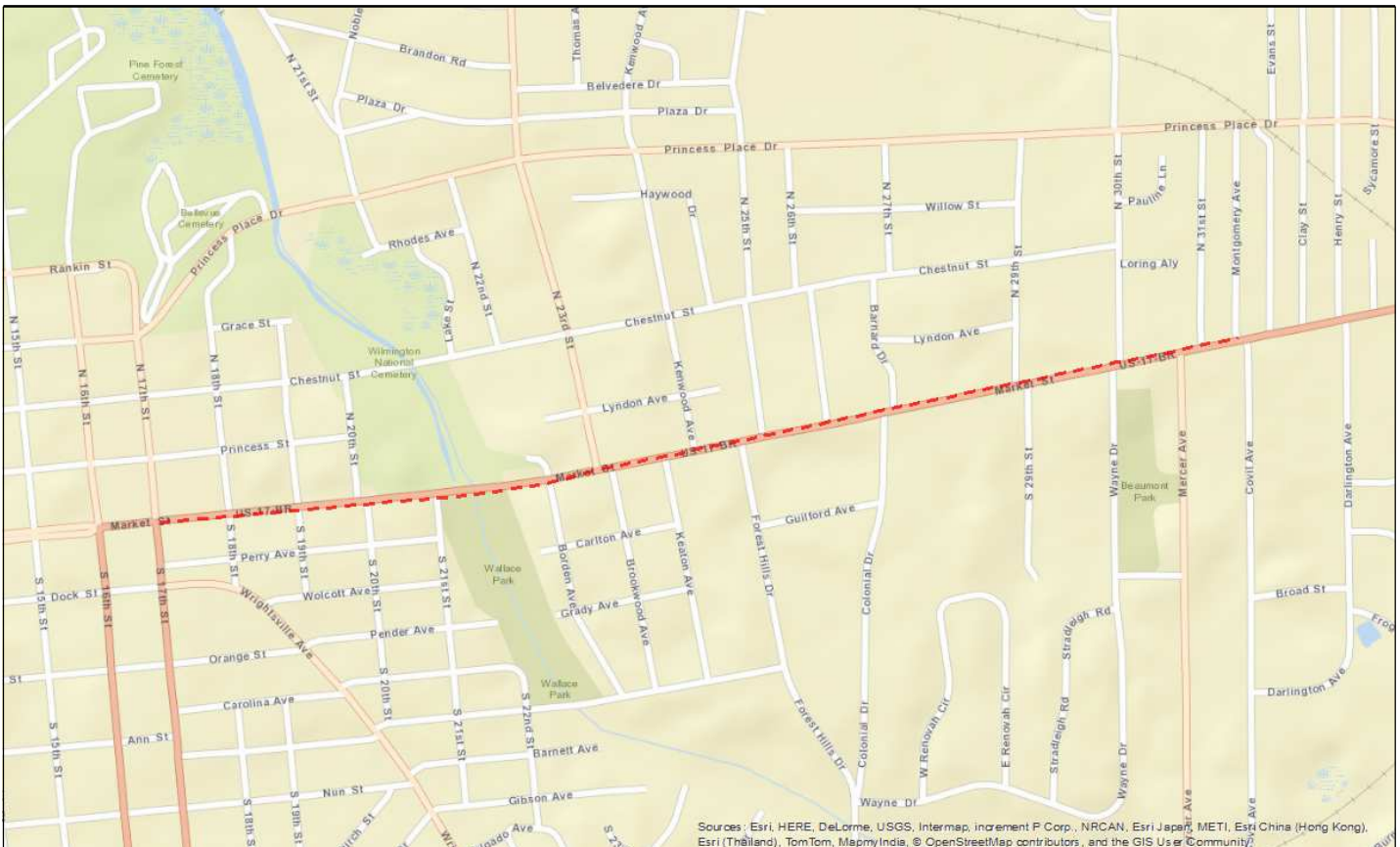
Construct a Road Diet, Add Bicycle Lanes

Division(s): Division 3

County(s): NEW HANOVER

MPOS(s)/RPO(s): Wilmington Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 38.11

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 88.69 [Travel Time] Benefit/Cost (20%) 0.00 Multimodal + [Freight & Military] (25%) 3.77	Percent: 15% Points: 0	Percent: 15% Points: 100
Totals: Weight: 70% Weighted Score: 23.11		

Division Needs Total Score: 54.95

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Multimodal + [Freight & Military] (10%) 3.77 Congestion (V/C) (20%) 59.20 Safety (20%) 88.69	Percent: 25% Points: 0	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 29.95		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	36
Length (miles):	1.33
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	25817.27
Capacity:	31698.17
Volume/Capacity Ratio:	0.81
% Autos:	97%
% Trucks:	3%
Truck Volume:	753.19
Crash Density:	99.77
Crash Severity:	66.55
Critical Crash Rate:	99.77
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	16
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	57
Actual Congested Speed:	32.78
Travel Time Index:	1.1

Project Benefits

Project Cross-Section:	
Speed Limit:	36
Length (miles):	1.33
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 3

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Wilmington Urban Area MPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$6,840,000	TIP Unit
Right-of-Way Cost:	\$0	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$6,840,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$6,840,000	